Customer No.: 31561
Docket No.: 10217-US-PA
Application No.: 10/707,608

In The Claims:

Claim 1. (currently amended) An organic light-emitting display having a plurality of pixels and ~~at least one~~ a plurality of external power lines, the organic light-emitting display being characterized in that:

each of the external power lines diverts into a plurality of internal power lines, and each internal power line is electrically ~~to~~ connected to a portion of the pixels, wherein ~~each of the~~ internal power lines ~~is segmented into at least two separated parts~~ connected to different external power lines are separated.

Claim 2. (currently amended) The organic light emitting display of claim 1, wherein the external power lines ~~is~~ are coupled to a power source.

Claim 3. (original) The organic light emitting display of claim 2, wherein the power source supplies an electric current, and the electric current flows through the internal power lines to reach the pixels.

Claim 4. (original) The organic light emitting display of claim 1, wherein the pixels are arranged in a pixel array.

Claim 5. (original) The organic light emitting display of claim 1, wherein each of the pixels comprises:

a switching transistor, having a first drain electrode, a first gate electrode, and a first source electrode, wherein the first drain electrode is coupled to a data line, and the first gate electrode is coupled to a scan line;

a driving transistor, having a second drain electrode, a second gate electrode, and a second source electrode, wherein the second gate electrode is coupled to the first source electrode, and the second source electrode is grounded;

a storage capacitor, having a first terminal and a second terminal, wherein the first terminal is coupled to the first source electrode and the second gate electrode, and the second terminal is grounded and coupled to the second source electrode; and

a light-emitting device, having an anode and a cathode, wherein the anode is coupled to one of the internal power lines and the cathode is coupled to the second drain electrode.

Claim 6. (original) The organic light emitting display of claim 5, wherein one terminal of each of the internal power lines is coupled via the external power line to a positive power source.

Claim 7. (original) The organic light emitting display of claim 5, wherein the switching transistor comprises a thin film transistor.

Claim 8. (original) The organic light emitting display of claim 5, wherein the driving transistor comprises a thin film transistor.

Claim 9. (original) The organic light emitting display of claim 5, wherein the light-emitting device comprises an organic light-emitting diode.

Claim 10. (original) The organic light emitting display of claim 5, wherein the light-emitting device comprises a polymer light-emitting diode.

Claim 11. (original) The organic light emitting display of claim 1, wherein the organic light-emitting device comprises an active matrix organic light emitting display.

Claim 12. (new) An organic light-emitting display, comprising:

a pixel array having a plurality of data lines, a plurality of scan lines and a plurality of pixels, wherein each pixel is electrically connected to one of the scan lines and one of the data lines correspondingly;

a first external power line, dividing into a plurality of first internal power lines, wherein each first internal power line is electrically connected to a portion of the pixels;

a second external power line, dividing into a plurality of second internal power lines, wherein each second internal power line is electrically connected to another portion of the pixels, and the first internal power lines and the second internal power lines are separated; and

a power source electrically connected to the first and second external power lines.

Claim 13. (new) The organic light emitting display of claim 12, wherein each of the pixels comprises:

a switching transistor, having a first drain electrode, a first gate electrode, and a first source electrode, wherein the first drain electrode is coupled to one of the data lines, and the first gate electrode is coupled to one of the scan lines;

a driving transistor, having a second drain electrode, a second gate electrode, and a second source electrode, wherein the second gate electrode is coupled to the first source electrode, and the second source electrode is grounded;

a storage capacitor, having a first terminal and a second terminal, wherein the first terminal is coupled to the first source electrode and the second gate electrode, and the second terminal is grounded and coupled to the second source electrode; and

a light-emitting device, having an anode and a cathode, wherein the anode is coupled to one of the first or second internal power lines and the cathode is coupled to the second drain electrode.

Claim 14. (new) The organic light emitting display of claim 13, wherein the switching transistor comprises a thin film transistor.

Claim 15. (new) The organic light emitting display of claim 13, wherein the driving transistor comprises a thin film transistor.

Claim 16. (new) The organic light emitting display of claim 13, wherein the light-emitting device comprises an organic light-emitting diode.

Claim 17. (new) The organic light emitting display of claim 13, wherein the light-emitting device comprises a polymer light-emitting diode.